

UNITED

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Historical Timeline

Company Product Partner Milestone Milestone Press Room Investor Relations Affiliate Program Mar 96 The revolution begins! Pilot 1000™ and Pilot 5000™ organi **Upcoming Events** introduced. Company Information > Awards & Articles > Jun 96 Pilot organizer's first international launch in France. Palm Advertising Jobs at Palm PC Computing's MVP "Usability Achievement of the Year" Awa Fall 96 Legal 1000! Search Palm.com Company go Mar 97 The next generation! PalmPilot™ Professional and PalmPilot Edition models introduced. Wall Street Journal: "It has inspire design principle: size and simplicity are more important than technology." Platform inspires over 2,000 developers to create hardware for the Palm OS®. Our first big alliance! Franklin Quest Version of PalmPilot or introduced. May 97 3Com purchases U.S. Robotics, and gets Palm Computing, In-**Sep** 97 IBM's Workpad introduced, based on the Palm OS® platform. **Dec** 97 Palm begins licensing its Palm OS® Platform. أأل Palm and Symbol Team to deliver vertical marketing handheld such as bar code scanning and inventory tracking.

		PalmPilot™ organizer wins Newsweek's "High Tech Gizmo of t and Information Week's "Most Important Products of 1997" a
1998		
Feb 98	dĺ	Palm launches its first eNewsletter, <u>InSync Online</u> .
	To see the second	Palm.com <u>Online Store</u> goes live.
Mar 98		Palm launches the Palm™ III organizer, the 3rd generation of leading PalmPilot™ handheld based on the Palm OS® platforr
Sep 98	23	Sybase, the leader in mobile database technology, teams with incorporate a solution designed specifically to improve developroductivity.
		Handspring licenses Palm OS® platform.
Dec 98		3,595 developers creating software for the Palm OS® Platfo
PC COMPARING		Palm wins its second PC Computing "MVP Award".
1999		
Feb 99		Sun Microsystems licenses industry-leading Hotsync® data sy technology from Palm.
		Palm launches Palm™ IIIx and Palm™ V handhelds.
May 99	ıll	Palm achieves nearly 73% of US market and over 68% world handheld products (IDC May 1999).
		Another revolution? You bet! Palm introduces the Palm ^M organizer to the world and delivers wireless access to the Interpalm.Net service. Jim Louderback, ZDTV, May 21, 1999. "Finaput all the pieces together to do wireless right. And it's no sur company is 3Com, maker of the popular PalmPilot."
Jun 99		TRG creates TRGpro, the first Palm OS® device with expanda architecture.
ı		13,751 devel pers! In just 6 months Palm quadruples its decommunity.

Jul 99 Computer Associates International, Inc., the world's leader in device management, brings manageability to handhelds. Palm introduces the Palm™ IIIe handheld. Oct 99 Palm™ Vx organizer and Palm IIIe Special Edition organizer it Nokia, the world's leader in mobile phone technology, license: OS® platform. "Design of the Decade" award! Business Week gives the @ PalmPilot™ organizer. **Dec** 99 Six millionth U.S. patent awarded to Palm HotSync® technology Feb 00 Palm, Inc. launches the Palm™ IIIc color handheld and the ex Palm™ IIIxe handheld, plus the Palm™ Portable Keyboard. Mar 00 41,000 Developers! An increase of 10,000 in just 2 months dĺ ال <u>Palm, Inc.</u> begins trading on the NASDAQ stock exchange. Yahoo! Mail and Yahoo! Messenger to be bundled with industr Palm™ III, Palm™ V and Palm™ VII series handheld compute Palm, Inc. announces the Japanese subsidiary, Palm Computi dll will launch Japanese versions of the Palm™ Vx and Palm™ III Apr 00 65,000 Palm OS® developers! May 00 Palm introduces Palm HotSync® Server software, the Palm™ Cradle and a comprehensive enterprise service and support p tray Day.com Palm acquires Internet-calendar leader AnyDay.com. Jun 00 Palm acquires Actual Software to expand e-mail capabilities. Aug 00 Palm sets the pace with enhanced wireless Palm™ VIIx handh Release>> Palm brings hip style, easy-to-use applications to new Palm™

handheld. Press Release>>

Sep 00		100,000 Palm OS® devel pers! Press Release>>
	اال	Palm announces Palm Ventures group. <u>Press Release</u> >>
Nov 00		Palm and IBM join forces to deliver mobile e-Business solutio Release>>
		Palm Mobile Internet Kit ships, links Palm handhelds with mo connect wirelessly to the web. <u>Press Release</u> >>
Dec 00	R	Day-Timers and Palm deliver custom handheld solution. Pres
2001		
Jan 01		Sprint, Palm Alliance to Unleash CDMA Wireless Internet Acce Handheld Computers. <u>Press Release</u> >>
	sill	140,000 Developers!
		VeriFone and Palm demonstrate eWallet technology at CES. Release>>
		Ingenico and Palm plan to develop secure infrastructure for v payment. <u>Press Release</u> >>
		Palm ventures invests in leading healthcare handheld clinical company. <u>Press Release</u> >>
Feb 01	3	Palm handhelds go arabic. <u>Press Release</u> >>
Mar 01		Palm's new m105 handheld adds memory, email and internet Press Release>>
	## No. of the Party of the Part	Palm acquires peanutpress.com, becomes a leading eBook co for handheld computer. <u>Press Release</u> >>
		New sleek Palm m500 and m505 handhelds add expansion, n connectivity and vibrant color. <u>Press Release</u> >>
Apr 01	4	Handspring and Palm Agree to Extend Palm OS License Hands Palm Agree to Extend Palm OS License. <u>Press Release</u> >>
May 01	dil	The University of South Dakota becomes first in U.S. to requin Handhelds for first-year students. Press Release>>

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Jan 02	Palm Completes Formation of Palm OS Subsidiary as Palm Po Hit 20 Million Sold. <u>Press Release</u> >>
	Palm i705 Handheld Debuts: Only Secure, Integrated Wireles Solution With Web Access. <u>Press Release</u> >>
	Palm Delivers Wireless Always-on, AOL Instant Messenger (A. New Palm i705 Handheld. <u>Press Release</u> >>
Feb 02	Palm Digital Media Wins Best eBook Publisher Award From Ha Computing Magazine. <u>Press Release</u> >>
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Apr 02	Palm Introduces 'Smart Client' Database Access Software For Building Wireless Applications. <u>Press Release</u> >>
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	Palm announces strategic relationship with McKesson. <u>Press</u> F
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Palm launches next-generation product subbrands: unveils Tu Zire strategy. Press Release>>

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		Palm debuts first \$99* handheld - The Zire Handheld. Press F
	B	PalmSource receives \$20 million minority investment from Sc Release>>
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Nov 02		New Palm wireless email application available for Palm handh Release>>
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		Legend and PalmSource sign license agreement for Palm OS : Release>>
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News Hardware

Cell phone inventor 30 years after

By Ben Charny CNET News.com April 7, 2003, 5:22 AM PT



Cell phone inventor Martin Cooper doesn't get any special treatment from carriers just because he created the now ubiquitous cell phone three decades ago. Even his Motorola V-60 from Verizon Wireless cuts off callers in midsentence, he said.

So count Cooper among the tens of millions of wireless dialers wondering why carriers are pushing new features like text messaging, when what they ought to do is make sure that calls go through all the time.

As he puts it "We have not yet achieved the original dream" of being able to use a phone anywhere and call anyone anywhere.

hbcrosoft'

Cooper also believes that time is fleeting for cellular technology, which might have run its course. The industry needs to find a better way of ferrying calls over the air, he said.

He spoke about these and other topics with CNET News.com on the 30th anniversary of the first-ever cell phone call.

Q: You made the first cell phone call. What happened?

A: Here we are on, out on the streets of New York,

surrounded by these blasé New Yorkers gawking at us because they've never seen somebody standing on the street dialing a phone number with one of these. I decided this was a great opportunity to needle my counterpart at Bell Laboratories. I would not suggest he was a friendly competitor, but we had been speaking. I called him and said, 'Joe, I'm calling you from a real portable cellular telephone.' I thought I heard gnashing of teeth in the background, but he was polite. And we had a chat for a while.

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So the first cell phone call was to talk some smack? I love competition.

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What do you think of the merging of cell phones and other devices, like PDAs? I'm not crazy about the concept of universal devices. I think the way you serve people is by optimizing the functionality of whatever it is you're building. If you try to make something universal, it does not do any of those things very well. The carriers have gone just a little bit too far in trying to consolidate all these things into one gadget--telephones, PDAs, cameras, MP3 players. They've become so difficult to use and thus compromise the features.



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So you aren't buying any camera phones. Instead of the "Swiss Army knife" of phones, what should the industry focus on?

I think we are going to regress. We are going to start, first of all, with a really good cellular phone that works all the time. And we haven't gotten quite there yet.

Are you satisfied with voice coverage?

We have not yet achieved the original dream. There was no technical reason why cellular shouldn't be as reliable and as low in cost as a wired phone. If you can serve enough people from a single station and you don't have to run wires to a new location, it ought to be lower in cost. The carriers have to move onto the next generation of technology. And they ought to focus instead of looking for different applications and forcing these applications on people; they ought to be fixing the fundamental problem: getting voice right. You can make a call, but how long can you keep talking before it drops?

What's wrong?

There are too many people on a limited amount of channels. What they have to do is come up with new technology that makes this same number of channels accommodate more people. That's why you get dropped calls almost all the time. It has nothing to do with coverage, which is really pretty good. What happens is you move from one cell to another, there are no channels available and all of a sudden you find yourself talking to empty space.

But carriers seem to be pushing their data services over their core product--voice. Yes.

You ever sent a short text message? Ever sent a picture message?

I use a little bit of data; I do get e-mail messages on my cell phone. That's the extent of it. SMS is too hard to use in the United States: I'm sure there are a lot of applications that would do very well that do have a data capability. But it's too slow to do any of what you would call Internet applications. Even the highly touted next-generation cellulars. You're lucky if you get speeds equal to a dialup. Furthermore, thinking you could watch a movie on a screen that big is kind of silly.

So how do things like MMS get started?

We're still looking at the old monopoly way of thinking. Look at the old AT&T: Bell Labs would think of things, and they would turn it over to Western Electric. They would manufacture it, and then give it to an operating company who would give it to the consumer and say, 'This is what you want.' The competitive world doesn't work that way. They have an entrepreneur—a marketing guy—going around saying, 'Here's a need not being fulfilled. I'm going to take care of that need.' They go back to the labs and say, 'Engineers go and build this.' That's how a competitive free enterprise world works.

Where does Wi-Fi fit in with cellular?

Wi-Fi is wonderful. It is a superb local area network—what it was designed to do—and it does that very well. When you try to make Wi-Fi cover a wide area, it's absolutely the worst way to do it. Think about it. In order to cover a city, you need a million sites; we actually did an analysis of that. And every one of them has got to have backhaul. So it turns out it's neither economical nor practical.

But most U.S. cellular carriers are building hot spots all over the place. Are they making the wrong move?

There are people who are talking about doing hot spots. For some, that might be functional,

but hot spots are a little like phone booths. What happened to the phone booth when everybody has a phone...The phone booth is pretty much obsolete. That's what's going to happen in the future to Wi-Fi. We will have systems that provide inexpensive wide area coverage that were designed for that purpose.

When you made the world's first cell phone call, you had all the spectrum to yourself. But apparently, there's now a shortage. Is that right?

We've been using the spectrum better and better for a hundred years. When Marconi made his first transatlantic call, he used the entire usable spectrum all over the world for one phone call. Subsequently, we have managed on the average to double that capability —the number of calls you could make in the whole spectrum in the whole world—every two and a half years. We are a trillion times better today than where we were when Marconi was calling in 1896.

What's the next big step for the cell phone?

The carriers are now using this modern technology called cellular. But wait a second, it was invented in 1945 and implemented in 1983. We're ready for the next generation, which I think are smart antennas. With that, you don't need nearly as much spectrum. It literally multiplies the spectrum by many times.

Are there any new wireless technologies you're excited about?

We just had a photographer taking pictures, talking about how he could send one picture in two minutes. My vision of photography in the future is you take a picture of somebody and in one second that picture appears somewhere else far away. It's the same with music downloading and telemedicine.





TalkBack: Post your comment here

Customers agree, why don't carriers understand? Jonathan Doe

Re: Customers agree, why don't carriers understand Max Lurk

Re: Customers agree, why don't carriers understand Jonathan Quist

Customers buying "good enough" is the problem Bit Byte

Re: Customers buying "good enough" is the problem Jonathan Wegner

Re: Customers buying "good enough" is the problem James Reed

Re: Customers buying "good enough" is the problem jw

Sound familiar? J Wizik

Re: Cell phone inventor 30 years after Sheree Fitzpatrick

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He's is right about Wifi though Blake Titman

Re: Cell phone inventor 30 years after Chris Corcoran

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News sub_default

Buyers Alert, October 1, 1997

By Computer staff ZDNet News September 30, 1997, 5:00 PM PT

TechWave lines Up Partners to Sell Software Online

TechWave has announced its first Internet affiliates in what it hopes eventually will become a multisite, multitiered network for selling software online.

Affiliate sites agree to share revenue on software sales in return for the use of TechWave's software and back-end processing. Affiliates can choose to sell products from TechWave's own BuySoftware.com site in addition to their own titles and those from other affiliates. Additional TechWave services include electronic software distribution technology for sites that want to offer direct downloads.

Among TechWave's early partners are Bertke Computers, Cyber Enterprises, Discount-Mart.com, EarthLink Network, and UOL Publishing. You can find out more about the company at www.techwave.com.

Samsung-AST Eyes Build-to-Order Model

Korean computer giant Samsung-AST plans to jump on the build-to-order bandwagon. By the end of 1998, the company plans to

have its direct business up and running.

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However, the company won't be dumping its resellers completely. AST plans to use its reseller relationships to generate sales that AST would then fulfill.

The precise details of Samsung-AST's plans have not yet been finalized.

Gateway Brings Back the Amiga

Commentary







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Gates offers '
'Athens' proto
May 8, 2003



What operating system has a small, loyal following and is as good as dead? Not the Amiga. Gateway 2000 plans to offer an Amiga-based desktop computer within a year.

According a company spokesperson, the new Amiga will most likely feature a dual-boot option, which lets users keep their OS options open. Gateway also plans to offer a plug-in Amiga card that would allow current PC owners to upgrade to the long-dormant OS.

The company is also investigating alternative possible applications for the AmigaOS, including using it in palmtops, PDAs, and PC/TV systems.

EXP Releases Cellular Modem for Handhelds

To anyone who has tried using a PC card modem with a Windows CE handheld only to have the battery die before they finish their first e-mail, take heart. EXP Computer has announced a PC Card-based cellular modem that includes its own battery pack.

According to EXP, with the Data Traveler 336E, users can expect up to 2 hours of battery life from the unit's two AA batteries. Users can detach the battery pack when using the modem with a notebook computer.

The modem card will sell for about \$199 from both retailers and direct vendors, beginning in mid-October.

IBM Offers Rebates on Workstations

In an effort to gain ground in the competitive workstation market, IBM has decided to give buyers a little something extra for choosing Big Blue.

Authorized resellers will provide rebates of 25 percent to anyone who bought an IntelliStation between September 22, 1997, and October 1, 1997. The offer applies only to end-user sales and does not include the price of the monitor.

In-House Analysis: Panasonic CF-63 Notebook DVD Adds Weight but Few Benefits By Dan Costa Staff Editor, Trends and Technology

Years ago, Panasonic Personal Computer Co. became one of the first vendors to squeeze a CD-ROM drive into a notebook PC; now it has done the same for DVD. Tucked neatly under the keyboard of its forthcoming CF-63 is a DVD-ROM drive backed by a Matsushita MPEG-2 decoder chip.

While the quality of DVD movie playback on a PC doesn't match that of a good TV set, we were impressed with the 13.3-inch, 1,024x768 active-matrix screen in our ad hoc tests.

We have yet to benchmark the system, but the CF-63 should not be short on work-a-day Windows 95 performance, with its 166MHz Pentium MMX processor, 32MB of EDO DRAM, and a 3.2GB hard drive all present in the late beta unit we saw.

Nevertheless, the addition of DVD demands a steep financial and physical price. The former wasn't set at press time, though Panasonic says it's shooting for \$6,000.

And at 2.4 inches thick and 8.7 pounds without the AC adapter, the CF-63 is clearly not a system you'll want to lug through airports. Of course, if you do, you'll be able to choose your own private in-flight movie. Unfortunately, in the short term, that's about the only practical benefit you get for your money.

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